

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
29 September 2005 (29.09.2005)

PCT

(10) International Publication Number  
**WO 2005/089733 A2**

- (51) International Patent Classification<sup>7</sup>: **A61K 31/00**
- (21) International Application Number:  
PCT/EP2005/051364
- (22) International Filing Date: 23 March 2005 (23.03.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
04101199.0 23 March 2004 (23.03.2004) EP
- (71) Applicants (for all designated States except US): **VIB vzw** [BE/BE]; Rijvisschestraat 120, B-9052 Zwijnaarde (BE). **VRIJE UNIVERSITEIT BRUSSEL** [BE/BE]; Pleinlaan 2, B-1050 Brussel (BE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **BERGLUND, Jenny** [DK/DK]; Havekgrogen 5, 3. sal, DK-2720 Vanlose (DK). **BOUCKAERT, Julie** [BE/BE]; Geevaertweg 18, B-1640 Sint-Genesius-Rode (BE). **DE GREVE, Henri** [BE/BE]; Jef Lambeauxlaan 11, B-1060 Brussel (BE). **KNIGHT, Stefan** [SE/SE]; Noreens Väg 51, S-75263 Uppsala (SE).
- (74) Common Representative: **VIB vzw**; Rijvisschestraat 120, B-9052 Zwijnaarde (BE).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:  
— without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ANTI-ADHESIVE COMPOUNDS TO PREVENT AND TREAT BACTERIAL INFECTIONS

(57) Abstract: The present invention provides compounds and compositions capable of inhibiting the attachment of Gram-negative bacteria on a host epithelium. Accordingly, said compounds and compositions can for example be used for the manufacture of a medicament to treat urinary, lung and gastrointestinal infections caused by said Gram-negative bacteria.

WO 2005/089733 A2